

Docket No.: M4065.0642/P642-A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Giuseppe Rossi et al.

Application No.: NOT YET ASSIGNED

Confirmation No.: N/A

Filed: March 12, 2004

Art Unit: N/A

For: METHOD FOR DETERMINING
TEMPERATURE OF AN ACTIVE PIXEL
IMAGER AND AUTOMATIC
CORRECTING TEMPERATURE
INDUCED VARIATIONS IN AN
IMAGER

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Those patent(s) or publication(s) which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application

because they were previously cited by or submitted to the Office in a prior application number 10/290,397, filed November 8, 2002 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0642/P642-A. A duplicate copy of this paper is enclosed.

Dated: March 12, 2004

Respectfully submitted,

By 

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	March 12, 21004
				First Named Inventor	Giuseppe Rossi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	M4065.0642/P642-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A**	4,862,237	08-29-1989	Morozumi	
	B**	5,886,353	03-23-1999	Spivey et al.	
	C**	5,929,689	07-27-1999	Wall	
	D**	5,953,060	09-14-1999	Dierickx	
	E**	6,101,287	08-08-2000	Corum et al.	
	F**	6,330,345	12-11-2001	Russo et al.	
	G**	6,418,241	07-09-2002	Schreiner	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	H**	AN03: Guide to Image Quality and Pixel Correction Methods, Rad-icon Imaging Corp,		
	I**	ANTON BAKKER and JOHAN H. HUIJSING; Micropower CMOS Temperature Sensor with Digital Output, IEEE Journal of Solid-State Circuits, Vol. 31, No. 7, July 1996, pp. 933-937.		
	J**	KARIM ARABI and BOZENA KAMINSKA, Built-In Temperature Sensors for On-line Thermal Monitoring of Microelectronic Structures, Proceedings of the 1997 International Conference on Computer Design (ICCD '97), pp. 462-467.		
	K**	LOUIS LUH, JOHN CHOMA, JR., JEFFREY DRAPER, HERMING CHIUUEH, A High-Speed CMOS On-Chip Temperature Sensor, Proceedings of the European Solid State Circuits Conference, September 1999, pp. 290-293.		
	L**	V. SZEKELY, M. RENCZ and B. COURTOIS, Integrating On-chip Temperature Sensors into DfT Schemes and BIST Architectures, Proceedings of the 15th IEEE VLSI Test Symposium, IEEE, (1997), pp. 440-445.		
	M**	M. LOOSE, K. MEIER, J. SCHEMMEL, Self-calibrating logarithmic CMOS image sensor with single chip camera functionality, Contribution to IEEE CCD & AIS workshop, Karuizawa, Japan (1999) R27.		
	N**	HON-SUM WONG, Technology and Device Scaling Considerations for CMOS Imagers, IEEE Transactions on Electron Devices, Vol. 43, No. 12, December 1996, pp. 2131-2142.		
	O**	ERIC R. FOSSUM, Digital Camera System on a Chip, IEEE Micro, May-June 1998, pp. 8-15.		
	P**	C. C. LUI and C. H. MASTRANGELO, CMOS Uncooled Heat-Balancing Infrared Imager, IEEE Journal of Solid-State Circuits, April 2000, pp. 1-9.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.